

Complete if Known 22 MAY 2006

Substitute for Form 1449 A & B/PTO				<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>	
Application Number		Based on PCT/JP04/017521			
Confirmation Number		Unknown			
Filing Date		May 22, 2006			
First Named Inventor		Miki KOBAYASHI			
Art Unit		Unknown			
Examiner Name		Unknown			
Attorney Docket Number		Q94782			
Sheet	1	of	2		

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>3</sup> (if known)		
/JK/		US 5,712,298	A	01-27-1998	Hermann Amschler
		US 6,740,662	B1	05-25-2004	Masahiro Iwata, et al.
		US 2004/0192701	A1	09-30-2004	Masahiro Iwata, et al.
		US 5,817,670	A	10-06-1998	Kazuhisa Takayama, et al.
		US 6,136,810	A	10-24-2000	Kazuhisa Takayama, et al.
/JK/		US 6,544,983	B2	04-08-2003	Annette Doherty

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/JK/		WO	99/57303	A1	11-11-1999	UNIVERSITY OF MARYLAND-BALTIMORE	
		WO	95/24381	A1	09-14-1995	SMITHKLINE BEECHAM CORPORATION	
		WO	01/87281	A2	11-22-2001	SMITHKLINE BEECHAM P.L.C.	
		JP	11-292878	A	10-26-1999	Yamanouchi Pharm. Co. Ltd.	Abstract
/JK/		JP	11-292877	A	10-26-1999	Yamanouchi Pharm. Co. Ltd.	Abstract

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
/JK/		ARMIN HATZELMANN, et al., "Anti-Inflammatory and immunomodulatory Potential of the Novel PDE4 Inhibitor Roflumilast in Vitro", The Journal of Pharmacology and Experimental Therapeutics, 2001, pp. 267-279, Vol. 297, No. 1	
		"Summary of the National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases Workshop on Interstitial Cystitis, National Institutes of Health, Bethesda Maryland", The Journal of Urology, August 28-29, 1987, pp. 203-206, Vol. 140	
		S. LARSEN, et al., "Mast Cells in Interstitial Cystitis", British Journal of Urology, 1982, pp. 283-286, Vol. 54	
		J. KASTRUP, et al., "Histamine Content and Mast Cell Count of Detrusor Muscle in Patients with Interstitial Cystitis and Other Types of Chronic Cystitis", British Journal of Urology, 1983, pp. 495-500, Vol. 55	
		TETSUO YAMADA, et al., "Alternate occurrence of Allergic Disease and an Unusual Form of Interstitial Cystitis", Int. J. Urol. 1998, pp. 329-336, Vol. 5	
		DEBORAH R. ERICKSON, et al., "Inflammatory Cell types and Clinical Features of Interstitial Cystitis", The Journal of Urology, 1997, pp. 790-793, Vol. 158	
		DEBORAH R. ERICKSON, "Urine Markers of Interstitial Cystitis", Urology, 2001, pp. 15-21, Vol. 57	
/JK/		H. RICHARD HELLSTROM, et al., "Eosinophilic Cystitis", A.J.C.P., November 1979, pp. 777-784, Vol. 72, No. 5	

Examiner Signature	/Jennifer Kim/	Date Considered	9/26/2008
--------------------	----------------	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

IAP9 Rec'd PCT/PTO 22 MAY 2006

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Based on PCT/JP04/017521
				Confirmation Number	Unknown
				Filing Date	May 22, 2006
				First Named Inventor	Miki KOBAYASHI
				Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	Q94782
Sheet	2	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation <sup>6</sup>
/JK/		JAMES A. KOZIOL, et al., "The Natural History of Interstitial Cystitis; A Survey of 374 Patients", The Journal of Urology, March 1993, pp. 465-469, Vol. 149			
		MADHU ALAGIRI, et al., "Interstitial Cystitis: Unexplained Associations with Other Chronic Disease and Pain Syndromes", 1997, pp. 52-57, Vol. 49			
		ERIC ROVNER, et al., "Treatments used in Women with Interstitial Cystitis: The Interstitial Cystitis Data Base (ICDB) Study Experience", Adult Urology, 2000, pp. 940-945, Vol. 56, No. 6			
		THEOHARIS C. THEOHARIDES, et al., "New agents for the medical treatment of interstitial cystitis", Exp. Opin. Invest. Drugs, 2001, pp. 521-546			
		"NIH Consensus Definition and Classification of Prostatitis", JAMA, July 21, 1999, pp. 236-237, Vol. 281, No. 3			
		IRFAN ORHAN, et al., "Seminal plasma cytokine levels in the diagnosis of chronic pelvic pain syndrome", International Journal of Urology, 2001, Vol. 8, pp. 495-499			
		RICHARD B. ALEXANDER, et al., "Autoimmune Prostatitis: Evidence of T Cell Reactivity with Normal Prostatic Proteins", Adult Urology, 1997, pp. 893-899, Vol. 50, No. 6			
		JANE L. MILLER, et al., "Prostatodynia and Interstitial Cystitis: one and the same?", Adult Urology, April 1995, pp. 587-590, Vol. 45, No. 4			
		THEODORE J. TORPHY, "Phosphodiesterase Isozymes", Am. J. Respir. Crit. Care Med., 1998, pp. 351-370, Vol. 157			
		SCOTT H. SODERLING, et al., "Regulation of cAMP and cGMP signaling: new phosphodiesterases and new functions", Curr. Opin. Cell Biol., 2000, pp. 174-179			
		DAVID M. ESSAYAN, "Molecular mechanisms in allergy and clinical immunology", J. Allergy Clin. Immunol., November 2001, pp. 671-680			
		MAURO M. TEIXEIRA, et al., "Phosphodiesterase (PDE)4 inhibitors: anti-inflammatory drugs of the future?", TiPS, May 1997, pp. 164-170, Vol. 18			
		JOHN E. SOUNESS, et al., "Immunosuppressive and anti-inflammatory effects of cyclic AMP phosphodiesterase (PDE) type 4 inhibitors", Immunopharmacology, 2000, pp. 127-162, Vol. 47			
		DAVID C. UNDERWOOD, et al., "Antiasthmatic Activity of the Second-Generation Phosphodiesterase 4 (PDE4) Inhibitor SB 207499 (Ariflo) in the Guinea Pig", The Journal of Pharmacology and Experimental Therapeutics, 1998, pp. 968-995, Vol. 287, No. 3			
/JK/		International Search Report for PCT/JP04/017521 dated December 28, 2004			

Examiner Signature	/Jennifer Kim/	Date Considered	9/26/2008
--------------------	----------------	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.